

AASD Science Standards for Grades K-12 Students

<u>Content Strand</u>	<u>Content Standard</u>
I. Science Connections	<ul style="list-style-type: none">A. Understand unifying themes among scientific disciplines: systems, order, organization and interactionsB. Understand unifying themes among scientific disciplines: evidence, models and explanationsC. Understand unifying themes among scientific disciplines: constancy, change and measurementD. Understand unifying themes among scientific disciplines: evolution, equilibrium and energyE. Understand unifying themes among scientific disciplines: form and function
II. Nature of Science	<ul style="list-style-type: none">A. Understand science is ongoing and inventiveB. Understand scientific understandings have changed over time as new evidence is found
III. Science Inquiry	<ul style="list-style-type: none">A. Investigate questions using scientific methods and toolsB. Revise personal understanding to accommodate knowledgeC. Communicate understandings to others
IV. Physical Science	<ul style="list-style-type: none">A. Demonstrate an understanding of the physical and chemical properties of matterB. Demonstrate an understanding of the forms and properties of energyC. Demonstrate an understanding of the ways in which matter and energy interact
V. Earth & Space Science	<ul style="list-style-type: none">A. Demonstrate an understanding of the structure and systems of EarthB. Demonstrate an understanding of the structure and systems of other bodies in the universeC. Demonstrate an understanding of the interactions of Earth and other bodies in the universe
VI. Life & Environmental Science	<ul style="list-style-type: none">A. Demonstrate an understanding of the characteristics and structures of living thingsB. Demonstrate an understanding of the processes of lifeC. Demonstrate an understanding of how living things interact with one another and their environment
VII. Science Applications	<ul style="list-style-type: none">A. Demonstrate an understanding of the relationship between science and technology and the ways in which that relationship influences human activities.
VIII. Science in Social & Personal Perspectives	<ul style="list-style-type: none">A. Use scientific information and skills to make decisions about themselvesB. Use scientific information and skills to make decisions about WisconsinC. Use scientific information and skills to make decisions about the world in which they live